

QUARTERLY SUMMARY: Infant Death and Birth Indicators

INTRODUCTION

Infant mortality- or the death of a baby before his/her first birthday- is a critical indicator of community health. Every year in Franklin County, approximately 150 babies die before their first birthdays. While national infant mortality rates are decreasing, in 2014, Ohio ranked 12th worst in the nation for overall infant mortality. Additionally, Black babies in Ohio are dying at over twice the rate of White babies. In Columbus and Franklin County, much of this disparity is driven by babies being born too soon and too small, as well as babies being placed to sleep on an unsafe

sleep space. This quarterly report provides a detailed and historical picture of the most up-to-date data on infant death and selected birth indicators, in order to 1) provide timely information to individuals and organizations, 2) guide collaborations and interventions, and 3) measure progress. Some numbers are not finalized.

Data notes, definitions, and information for additional correspondences can be found in [Appendix A](#). Additional charts and tables can be found in [Appendix B](#).

QUARTERLY HIGHLIGHTS

- During the 1st quarter of 2017, the infant mortality rate (IMR) was stable compared to last quarter and was above the Healthy People 2020 (HP2020) goal of ≤ 6.0 per 1,000 live births.
- Compared to last quarter, the percentage of non-Hispanic Black (NHB) Infant Deaths increased and is higher than the goal of $\leq 27\%$. Similarly, the NHB and non-Hispanic White (NHW) infant mortality rate ratio increased in the 1st quarter and was above the goal of less than or equal to 1.94.
- The percentage of pre-term births (PTB) decreased compared to last quarter, and was above the March of Dimes 2020 (MoD2020) goal of $\leq 8.1\%$. The percentage of low birth weight (LBW) births in the 1st quarter increased compared to last quarter and is above the HP2020 goal of $\leq 7.8\%$.

DASHBOARD [\(Click here to view larger dashboard\)](#)

| Indicators | Current Quarter | Current Quarter's Value | % Change Chart from Last Quarter (-) (+) | # Quarters \blacktriangle \blacktriangledown | Quarterly Goal | Achieved Quarterly Goal | YTD [†] Value | Yearly Goal | YTD [†] vs. Goal Chart |
|--|-----------------|----------------------------|--|--|------------------|-------------------------|------------------------|------------------|---------------------------------|
| Infant Deaths | | | | | | | | | |
| Infant Mortality Rate | 1 | 8.3 per 1,000 live births | -1% | 1 \bullet | $\leq 6^1$ | | 8.8 | $\leq 6^1$ | |
| Infant Death Number | 1 | 37 | -5% | 1 \blacktriangledown | $\leq 27.5^1$ | | 37 | $\leq 110^1$ | |
| NHB to NHW Infant Mortality Rate Disparity Ratio | 1 | 3.0 | 54% | 2 \blacktriangle | $\leq 1.94^*$ | | 3.0 | $\leq 1.94^*$ | |
| NHB Percentage of Infant Deaths | 1 | 54.1% | 11% | 2 \blacktriangle | $\leq 27\%^{**}$ | | 54.1% | $\leq 27\%^{**}$ | |
| Sleep-Related Infant Mortality Rate | 1 | 0.90 per 1,000 live births | -48% | 1 \blacktriangledown | $\leq 0.84^1$ | | 0.90 | $\leq 0.84^1$ | |
| Births | | | | | | | | | |
| Preterm Birth Percentage | 1 | 10.4% of births | -5% | 1 \blacktriangledown | $\leq 8.1\%^2$ | | 10.4% | $\leq 8.1\%^2$ | |
| Low Birth Weight Percentage | 1 | 9.8% of births | 9% | 1 \blacktriangle | $\leq 7.8\%^1$ | | 9.8% | $\leq 7.8\%^1$ | |

¹Healthy People (HP) 2020 goal. Death number goal(s) based on 6.0 infant deaths per 1,000 live births applied to the average births in Franklin County from 2009-13.

²In 2015, the March of Dimes (MoD) set a goal of lowering the national preterm birth rate to 8.1 percent of all births by 2020.

*1990-1994 Infant Mortality Rate Disparity Ratio.

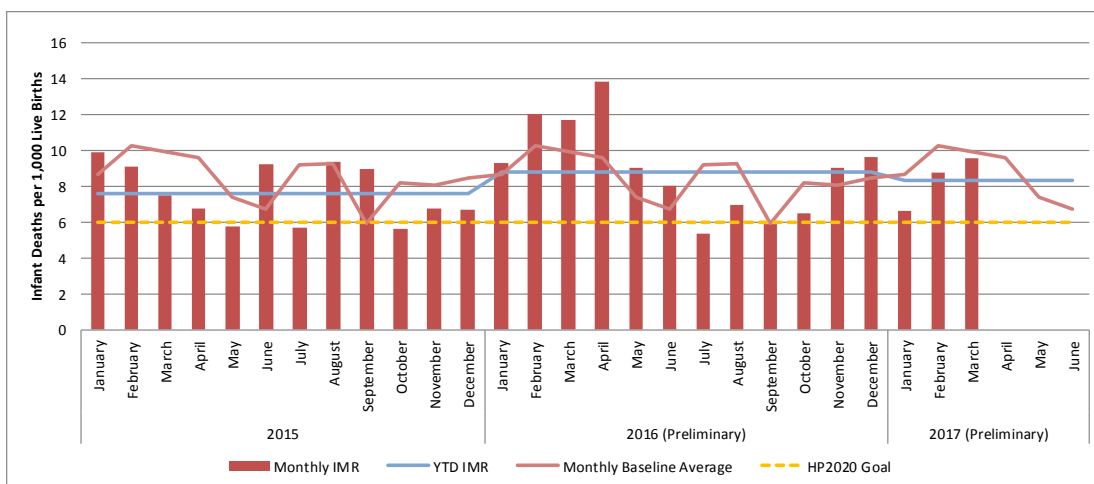
**Based on the average percentage of Non-Hispanic Black births in Franklin County from 2009-2013.

[†]Year-to-date up through the end of the quarter

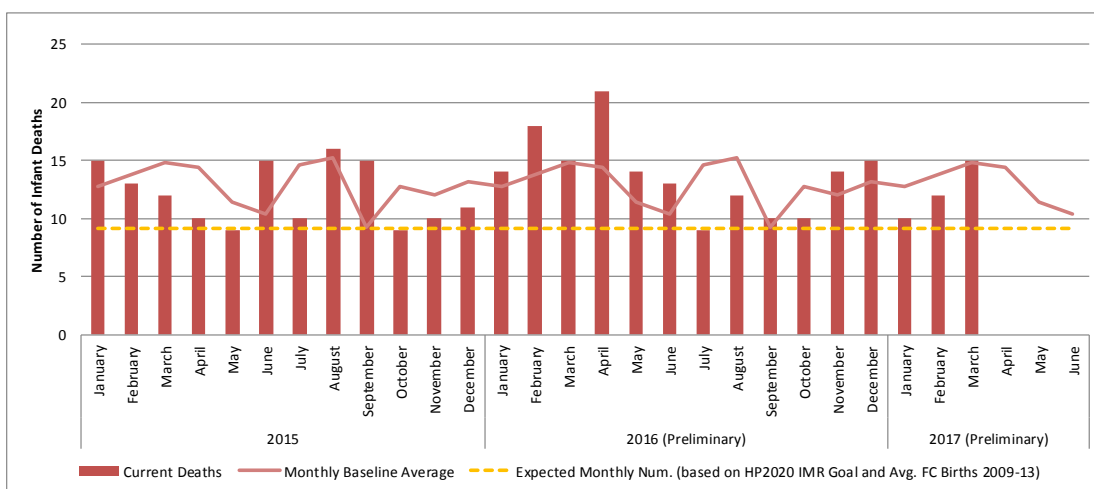
INFANT DEATH INDICATORS

During the 1st quarter of 2017, all the monthly IMRs were above the Healthy People 2020 (HP2020) goal of ≤ 6.0 infant deaths per 1,000 live births. For the entire 1st quarter, the IMR of 8.3 was above the HP2020 goal of ≤ 6.0 . Two of the three 1st quarter's monthly IMRs were higher among NHBs compared to NHWs.

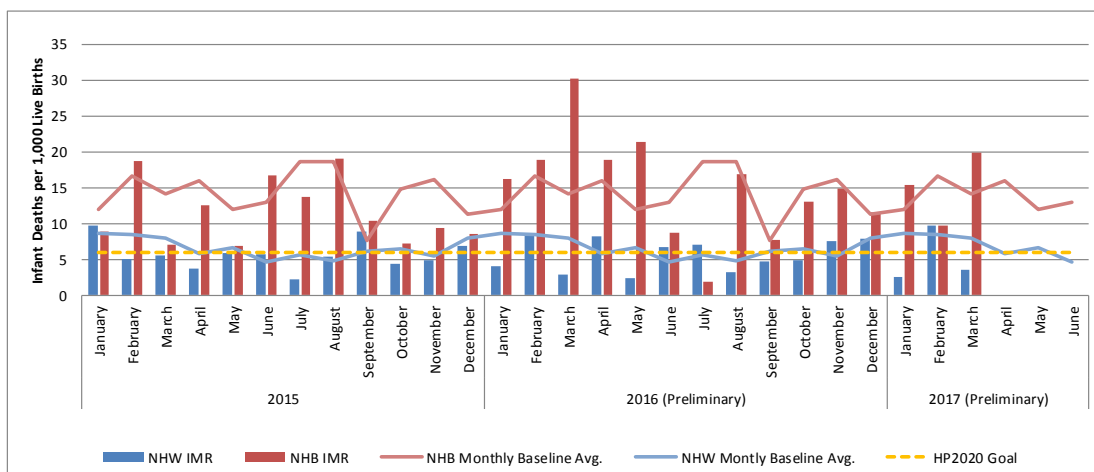
Infant Mortality Rate by Month and Year



Infant Death Number by Month and Year



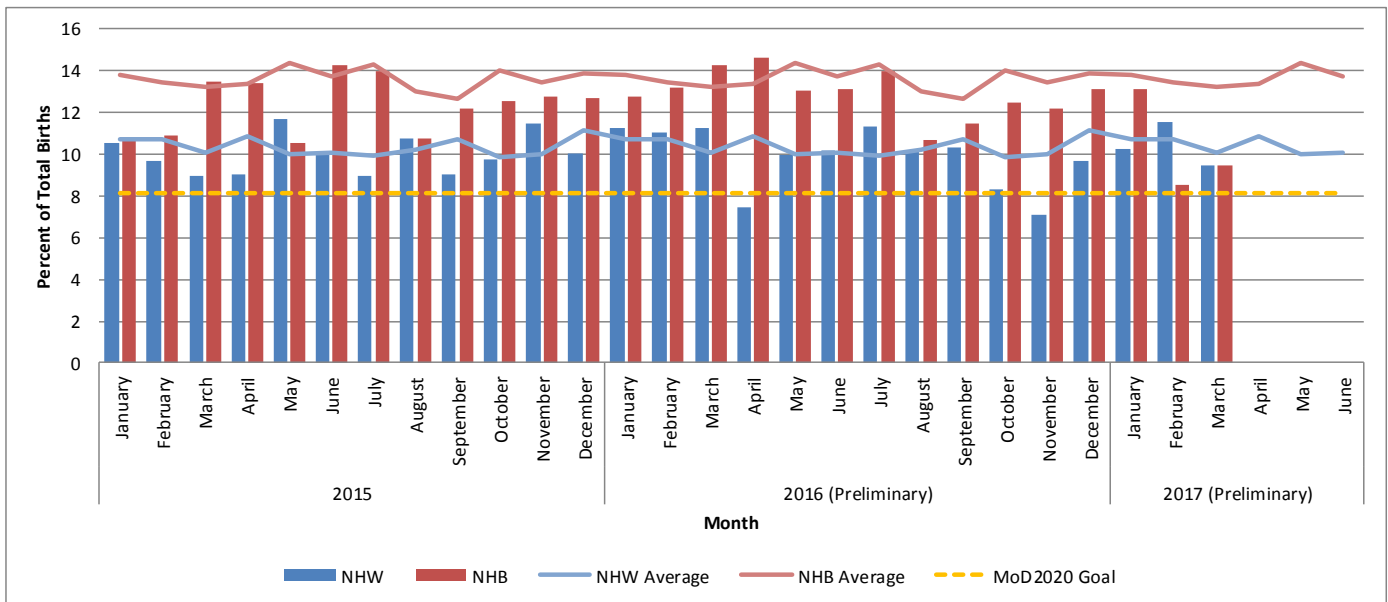
Infant Mortality Rate by Race, Month, and Year



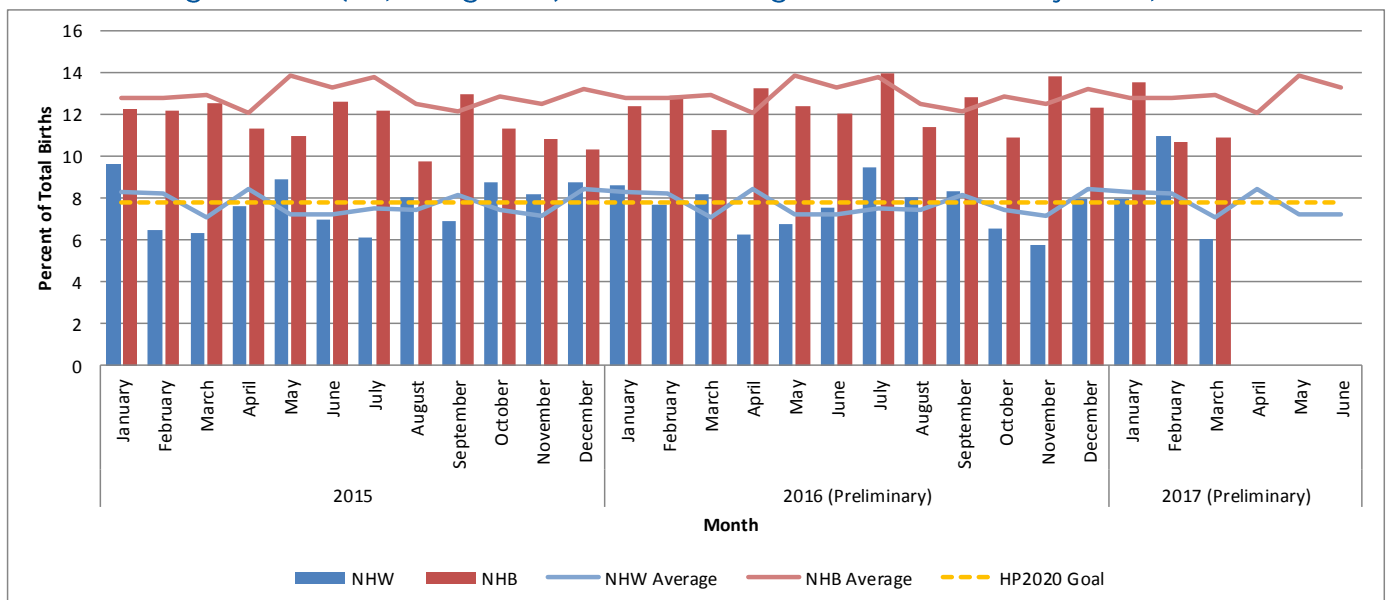
BIRTH INDICATORS

The preterm birth (PTB) rate for non-Hispanic Blacks (NHB) in Franklin County is typically higher than that for non-Hispanic Whites (NHW), as well as typically higher than the March of Dimes 2020 (MoD2020) goal ($\leq 8.1\%$). During the 1st quarter of 2017, this is reversed in February, with the NHW PTB rate higher than the NHB PTB rate. For the entire 1st quarter of 2017, the NHB PTB rate (10.4%) is similar to the NHW PTB rate (10.4%). Similarly, the low birth weight (LBW) rate for non-Hispanic Blacks in Franklin County is usually higher than that for non-Hispanic Whites, as well as the HP2020 goal of $\leq 7.8\%$. During the 1st quarter of 2017, this is reversed in February, with the NHW LBW rate slightly higher than the NHB LBW rate. For the entire 1st quarter of 2017, Franklin County's NHB LBW rate (11.8%) is about 1.4 times higher than the NHW LBW rate (8.2%).

Preterm Births (<37 weeks gestation) as a Percentage of Total Births by Race, Month and Year



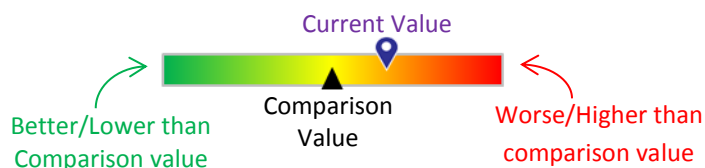
Low Birth Weight Births (<2,500 grams) as a Percentage of Total Births by Race, Month and Year



APPENDIX A: Definitions and Data Notes

Comparison Chart: The comparison chart features a single, primary measure (for example, current year-to-date infant mortality rate), and compares that measure to one or more other measures to enrich its meaning (for example, compared to a target/goal rate or baseline value), and displays it in the context of ranges of performance, such as higher, lower, or similar.

How to read the comparison charts in the dashboard (measure based on indicator row's unit):



Data Sources

Birth Indicators: Preterm birth and low birth weight birth information are obtained from birth certificate data. Columbus Public Health downloads files from the Ohio Department of Health Secure Data Warehouse. All files except those for 2016 are finalized, with information for the past three months being the least stable. Analysis is completed by the Office of Epidemiology, Population Health Division at Columbus Public Health.

Cause of Infant Death: Sleep-related infant death information is provided by the Franklin County Child Fatality Review program.

Infant Mortality: Infant mortality information is obtained from death certificate data provided by the Ohio Department of Health, Office of Vital Statistics. All data except those for 2016 are finalized, with information for the past three months being the least stable. Analysis is completed by the Office of Epidemiology, Population Health Division at Columbus Public Health.

Disparity Ratio (Health Disparity Ratio): A measure of health disparity, it examines the rate of one group relative to the rate of the comparison or reference group. The ratio is calculated by dividing the rate for the group of interest (typically minority groups) by the rate for the reference group (typically non-Hispanic Whites). If the ratio is greater than one, the existence of a specified condition or indicator is more common for the group of interest compared to the reference group. If the ratio is less than one, the existence of a specified condition or indicator is less common for the group of interest compared to the reference group.

| | | | |
|-----------------------------|------------------------|------------------------|-------------------------------|
| Disparity Ratio | 0.9 – 1.1 | 1.2 – 1.9 OR 0.8 – 0.6 | 2.0 or higher OR 0.5 or lower |
| Disparity Assessment | Little or no disparity | Disparity exists | Large disparity exists |

Healthy People 2020 (HP2020) Goals: Science-based, 10-year national objectives for improving the health of all Americans, covering multiple topics, including maternal, infant, and child health.

Historical Average: Historical averages are calculated by month, using data from years 2009 through 2013.

Low Birth Weight Birth: A low birth weight birth is a birth to a baby who weighs less than 2,500 grams.

March of Dimes 2020 (MoD2020) Goal: In 2015, the March of Dimes (MOD) set a goal of lowering the national preterm birth to 8.1 percent of all births by 2020.

Preterm Birth: A preterm birth is a birth to a baby who is younger than 37 weeks of gestation.

Race and Ethnicity Categories

NHW = Non-Hispanic ethnicity with White race

NHB = Non-Hispanic ethnicity with Black or African American race

Hispanic = Hispanic ethnicity despite race category

Other/Unknown = Non-Hispanic ethnicity with American Indian, Asian, or Native Hawaiian/Pacific Islander race; unknown ethnicity and/or race

Sleep-Related Infant Deaths

Sleep-related infant deaths (also called Sudden Unexpected Infant Deaths or SUIDs) include deaths categorized as 1) accidental suffocation, positional asphyxia, or overlay, or 2) Sudden Infant Death Syndrome (SIDS), or 3) undetermined cause.

QUESTIONS AND COMMENTS

Please forward questions and comments to Kathy Cowen, MS, Director, Office of Epidemiology, Columbus Public Health via phone: (614) 645-6252, or e-mail: kathyc@columbus.gov.

APPENDIX B: Additional Charts and Tables

QUARTERLY DASHBOARD

| Indicators | Current Quarter | Current Quarter's Value | % Change Chart from Last Quarter (-) (+) | # Quarters ▲ • ▼ | Quarterly Goal | Achieved Quarterly Goal | YTD [†] Value | Yearly Goal | YTD [†] vs. Goal Chart |
|--|-----------------|----------------------------|--|------------------|--------------------|-------------------------|------------------------|--------------------|---------------------------------|
| Infant Deaths | | | | | | | | | |
| Infant Mortality Rate | 1 | 8.3 per 1,000 live births | -1% | 1 • | ≤6 ¹ | ✗ | 8.8 | ≤6 ¹ | |
| Infant Death Number | 1 | 37 | -5% | 1 ▼ | ≤27.5 ¹ | ✗ | 37 | ≤110 ¹ | |
| NHB to NHW Infant Mortality Rate Disparity Ratio | 1 | 3.0 | 54% | 2 ▲ | ≤1.94* | ✗ | 3.0 | ≤1.94* | |
| NHB Percentage of Infant Deaths | 1 | 54.1% | 11% | 2 ▲ | ≤27%** | ✗ | 54.1% | ≤27%** | |
| Sleep-Related Infant Mortality Rate | 1 | 0.90 per 1,000 live births | -48% | 1 ▼ | ≤0.84 ¹ | ✗ | 0.90 | ≤0.84 ¹ | |
| Births | | | | | | | | | |
| Preterm Birth Percentage | 1 | 10.4% of births | -5% | 1 ▼ | ≤8.1% ² | ✗ | 10.4% | ≤8.1% ² | |
| Low Birth Weight Percentage | 1 | 9.8% of births | 9% | 1 ▲ | ≤7.8% ¹ | ✗ | 9.8% | ≤7.8% ¹ | |

¹Healthy People (HP) 2020 goal. Death number goal(s) based on 6.0 infant deaths per 1,000 live births applied to the average births in Franklin County from 2009-13.

²In 2015, the March of Dimes (MoD) set a goal of lowering the national preterm birth rate to 8.1 percent of all births by 2020.

*1990-1994 Infant Mortality Rate Disparity Ratio.

**Based on the average percentage of Non-Hispanic Black births in Franklin County from 2009-2013.

[†]Year-to-date up through the end of the quarter

FREQUENCY AND RATE OF INFANT DEATHS BY RACE AND ETHNICITY, FRANKLIN COUNTY, 2015 – PRESENT

| Month | All | | | Non-Hispanic White | | | Non-Hispanic Black | | | Hispanic | | | Other/Unknown | | |
|--------------------------|------------------|------------------|-----------------|--------------------|-----------------|-----------------|--------------------|------------------|------------------|----------------|-----------------|----------------|-----------------|-----------------|----------------|
| | 2015 | 2016 | 2017 | 2015 | 2016 | 2017 | 2015 | 2016 | 2017 | 2015 | 2016 | 2017 | 2015 | 2016 | 2017 |
| January | 15 | 14 | 10 | 8 | 3 | 2 | 4 | 8 | 7 | 1 | 1 | 1 | 2 | 2 | 0 |
| February | 13 | 18 | 12 | 4 | 7 | 7 | 8 | 8 | 4 | 1 | 1 | 1 | 0 | 2 | 0 |
| March | 12 | 15 | 15 | 5 | 2 | 3 | 3 | 11 | 9 | 1 | 1 | 1 | 3 | 1 | 2 |
| 1st Quarter Total | 40 (8.8) | 47 (11.0) | 37 (8.3) | 17 (6.7) | 12 (5.2) | 12 (5.0) | 15 (11.4) | 27 (21.0) | 20 (15.1) | 3 (9.6) | 3 (8.9) | 3 (8.8) | 5 (12.8) | 5 (13.6) | 2 (4.9) |
| April | 10 | 21 | | 3 | 7 | | 5 | 8 | | 2 | 4 | | 0 | 2 | |
| May | 9 | 14 | | 5 | 2 | | 3 | 10 | | 0 | 1 | | 1 | 1 | |
| June | 15 | 13 | | 5 | 6 | | 8 | 4 | | 1 | 3 | | 1 | 0 | |
| 2nd Quarter Total | 34 (7.3) | 48 (10.2) | 0 (N/A) | 13 (5.1) | 15 (5.8) | 0 (N/A) | 16 (12.2) | 22 (16.3) | 0 (N/A) | 3 (8.3) | 8 (22.0) | 0 (N/A) | 2 (4.4) | 3 (7.5) | 0 (N/A) |
| July | 10 | 9 | | 2 | 6 | | 7 | 1 | | 0 | 2 | | 1 | 0 | |
| August | 16 | 12 | | 5 | 3 | | 9 | 8 | | 1 | 0 | | 1 | 1 | |
| September | 15 | 10 | | 8 | 4 | | 5 | 4 | | 1 | 1 | | 1 | 1 | |
| 3rd Quarter Total | 41 (8.0) | 31 (6.1) | 0 (N/A) | 15 (5.4) | 13 (4.9) | 0 (N/A) | 21 (14.3) | 13 (8.6) | 0 (N/A) | 2 (4.9) | 3 (6.8) | 0 (N/A) | 3 (6.1) | 2 (4.3) | 0 (N/A) |
| October | 9 | 10 | | 4 | 4 | | 3 | 6 | | 0 | 0 | | 2 | 0 | |
| November | 10 | 14 | | 4 | 6 | | 4 | 7 | | 0 | 0 | | 2 | 1 | |
| December | 11 | 15 | | 6 | 6 | | 4 | 6 | | 1 | 0 | | 0 | 3 | |
| 4th Quarter Total | 30 (6.4) | 39 (8.4) | 0 (N/A) | 14 (5.4) | 16 (6.7) | 0 (N/A) | 11 (8.4) | 19 (13.1) | 0 (N/A) | 1 (2.8) | 0 (N/A) | 0 (N/A) | 4 (9.1) | 4 (9.0) | 0 (N/A) |
| Yearly Total | 145 (7.6) | 165 (8.8) | 37 (8.3) | 59 (5.7) | 56 (5.6) | 12 (5.0) | 63 (11.6) | 81 (14.5) | 20 (15.1) | 9 (6.2) | 14 (9.2) | 3 (8.8) | 14 (7.9) | 14 (8.3) | 2 (4.9) |

Rate per 1,000 live births.

**FREQUENCY AND RATE OF NEONATAL INFANT DEATHS BY RACE AND ETHNICITY,
FRANKLIN COUNTY, 2015 – PRESENT**

| Month | All | | | Non-Hispanic White | | | Non-Hispanic Black | | | Hispanic | | | Other/Unknown | | |
|--------------------------|------------------|------------------|-----------------|--------------------|-----------------|----------------|--------------------|------------------|-----------------|----------------|-----------------|----------------|----------------|-----------------|----------------|
| | 2015 | 2016 | 2017 | 2015 | 2016 | 2017 | 2015 | 2016 | 2017 | 2015 | 2016 | 2017 | 2015 | 2016 | 2017 |
| January | 8 | 12 | 9 | 6 | 3 | 2 | 1 | 6 | 6 | 0 | 1 | 1 | 1 | 2 | 0 |
| February | 11 | 13 | 8 | 4 | 4 | 5 | 6 | 6 | 2 | 1 | 1 | 1 | 0 | 2 | 0 |
| March | 9 | 10 | 8 | 4 | 1 | 2 | 3 | 8 | 3 | 1 | 1 | 1 | 1 | 0 | 2 |
| 1st Quarter Total | 28 (6.2) | 35 (8.2) | 25 (5.6) | 14 (5.5) | 8 (3.5) | 9 (3.8) | 10 (7.6) | 20 (15.6) | 11 (8.3) | 2 (6.4) | 3 (8.9) | 3 (8.8) | 2 (5.1) | 4 (10.9) | 2 (4.9) |
| April | 5 | 19 | | 2 | 5 | | 2 | 8 | | 1 | 4 | | 0 | 2 | |
| May | 5 | 7 | | 3 | 1 | | 2 | 5 | | 0 | 0 | | 0 | 1 | |
| June | 11 | 10 | | 4 | 5 | | 6 | 3 | | 1 | 2 | | 0 | 0 | |
| 2nd Quarter Total | 21 (4.5) | 36 (7.7) | 0 (N/A) | 9 (3.5) | 11 (4.3) | 0 (N/A) | 10 (7.6) | 16 (11.8) | 0 (N/A) | 2 (5.5) | 6 (16.5) | 0 (N/A) | 0 (N/A) | 3 (7.5) | 0 (N/A) |
| July | 9 | 7 | | 2 | 5 | | 6 | 0 | | 0 | 2 | | 1 | 0 | |
| August | 11 | 9 | | 2 | 2 | | 9 | 6 | | 0 | 0 | | 0 | 1 | |
| September | 10 | 5 | | 5 | 2 | | 4 | 2 | | 1 | 0 | | 0 | 1 | |
| 3rd Quarter Total | 30 (5.8) | 21 (4.1) | 0 (N/A) | 9 (3.2) | 9 (3.4) | 0 (N/A) | 19 (12.9) | 8 (5.3) | 0 (N/A) | 1 (2.5) | 2 (4.5) | 0 (N/A) | 1 (2.0) | 2 (4.3) | 0 (N/A) |
| October | 3 | 5 | | 1 | 3 | | 2 | 2 | | 0 | 0 | | 0 | 0 | |
| November | 10 | 11 | | 4 | 4 | | 4 | 6 | | 0 | 0 | | 2 | 1 | |
| December | 9 | 12 | | 4 | 4 | | 4 | 5 | | 1 | 0 | | 0 | 3 | |
| 4th Quarter Total | 22 (4.7) | 28 (6.0) | 0 (N/A) | 9 (3.5) | 11 (4.6) | 0 (N/A) | 10 (7.6) | 13 (9.0) | 0 (N/A) | 1 (2.8) | 0 (N/A) | 0 (N/A) | 2 (4.5) | 4 (9.0) | 0 (N/A) |
| Yearly Total | 101 (5.3) | 120 (6.4) | 25 (5.6) | 41 (3.9) | 39 (3.9) | 9 (3.8) | 49 (9.1) | 57 (10.2) | 11 (8.3) | 6 (4.2) | 11 (7.3) | 3 (8.8) | 5 (2.8) | 13 (7.8) | 2 (4.9) |

Rate per 1,000 live births.

**FREQUENCY AND RATE OF POST-NEONATAL INFANT DEATHS BY RACE AND ETHNICITY,
FRANKLIN COUNTY, 2015 – PRESENT**

| Month | All | | | Non-Hispanic White | | | Non-Hispanic Black | | | Hispanic | | | Other/Unknown | | |
|--------------------------|-----------------|-----------------|-----------------|--------------------|-----------------|----------------|--------------------|-----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| | 2015 | 2016 | 2017 | 2015 | 2016 | 2017 | 2015 | 2016 | 2017 | 2015 | 2016 | 2017 | 2015 | 2016 | 2017 |
| January | 7 | 2 | 1 | 2 | 0 | 0 | 3 | 2 | 1 | 1 | 0 | 0 | 1 | 0 | 0 |
| February | 2 | 5 | 4 | 0 | 3 | 2 | 2 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| March | 3 | 5 | 7 | 1 | 1 | 1 | 0 | 3 | 6 | 0 | 0 | 0 | 2 | 1 | 0 |
| 1st Quarter Total | 12 (2.6) | 12 (2.8) | 12 (2.7) | 3 (1.2) | 4 (1.7) | 3 (1.3) | 5 (3.8) | 7 (5.4) | 9 (6.8) | 1 (3.2) | 0 (N/A) | 0 (N/A) | 3 (7.7) | 1 (2.7) | 0 (N/A) |
| April | 5 | 2 | | 1 | 2 | | 3 | 0 | | 1 | 0 | | 0 | 0 | |
| May | 4 | 7 | | 2 | 1 | | 1 | 5 | | 0 | 1 | | 1 | 0 | |
| June | 4 | 3 | | 1 | 1 | | 2 | 1 | | 0 | 1 | | 1 | 0 | |
| 2nd Quarter Total | 13 (2.8) | 12 (2.6) | 0 (N/A) | 4 (1.6) | 4 (1.6) | 0 (N/A) | 6 (4.6) | 6 (4.4) | 0 (N/A) | 1 (2.8) | 2 (5.5) | 0 (N/A) | 2 (4.4) | 0 (N/A) | 0 (N/A) |
| July | 1 | 2 | | 0 | 1 | | 1 | 1 | | 0 | 0 | | 0 | 0 | |
| August | 5 | 3 | | 3 | 1 | | 0 | 2 | | 1 | 0 | | 1 | 0 | |
| September | 5 | 5 | | 3 | 2 | | 1 | 2 | | 0 | 1 | | 1 | 0 | |
| 3rd Quarter Total | 11 (2.1) | 10 (2.0) | 0 (N/A) | 6 (2.2) | 4 (1.5) | 0 (N/A) | 2 (1.4) | 5 (3.3) | 0 (N/A) | 1 (2.5) | 1 (2.3) | 0 (N/A) | 2 (4.1) | 0 (N/A) | 0 (N/A) |
| October | 6 | 5 | | 3 | 1 | | 1 | 4 | | 0 | 0 | | 2 | 0 | |
| November | 0 | 3 | | 0 | 2 | | 0 | 1 | | 0 | 0 | | 0 | 0 | |
| December | 2 | 3 | | 2 | 2 | | 0 | 1 | | 0 | 0 | | 0 | 0 | |
| 4th Quarter Total | 8 (1.7) | 11 (2.4) | 0 (N/A) | 5 (1.9) | 5 (2.1) | 0 (N/A) | 1 (0.8) | 6 (4.1) | 0 (N/A) | 0 (N/A) | 0 (N/A) | 0 (N/A) | 2 (4.5) | 0 (N/A) | 0 (N/A) |
| Yearly Total | 44 (2.3) | 45 (2.4) | 12 (2.7) | 18 (1.7) | 17 (1.7) | 3 (1.3) | 14 (2.6) | 24 (4.3) | 9 (6.8) | 3 (2.1) | 3 (2.0) | 0 (0.0) | 9 (5.1) | 1 (0.6) | 0 (0.0) |

Rate per 1,000 live births.

FREQUENCY OF BIRTHS BY RACE AND ETHNICITY, FRANKLIN COUNTY, 2015 – PRESENT

| Month | All | | | Non-Hispanic White | | | Non-Hispanic Black | | | Hispanic | | | Other/Unknown | | |
|--------------------------|---------------|---------------|--------------|--------------------|--------------|--------------|--------------------|--------------|--------------|--------------|--------------|------------|---------------|--------------|------------|
| | 2015 | 2016 | 2017 | 2015 | 2016 | 2017 | 2015 | 2016 | 2017 | 2015 | 2016 | 2017 | 2015 | 2016 | 2017 |
| January | 1,515 | 1,502 | 1,514 | 824 | 762 | 803 | 456 | 494 | 457 | 108 | 124 | 124 | 127 | 122 | 130 |
| February | 1,433 | 1,498 | 1,371 | 787 | 833 | 729 | 430 | 426 | 411 | 95 | 111 | 113 | 121 | 128 | 118 |
| March | 1,597 | 1,279 | 1,572 | 915 | 694 | 855 | 430 | 365 | 453 | 109 | 102 | 102 | 143 | 118 | 162 |
| 1st Quarter Total | 4,545 | 4,279 | 4,457 | 2,526 | 2,289 | 2,387 | 1,316 | 1,285 | 1,321 | 312 | 337 | 339 | 391 | 368 | 410 |
| April | 1,478 | 1,520 | | 802 | 848 | | 397 | 426 | | 118 | 109 | | 161 | 137 | |
| May | 1,565 | 1,545 | | 864 | 824 | | 436 | 467 | | 116 | 128 | | 149 | 126 | |
| June | 1,619 | 1,622 | | 872 | 903 | | 478 | 458 | | 127 | 126 | | 142 | 135 | |
| 2nd Quarter Total | 4,662 | 4,687 | 0 | 2,538 | 2,575 | 0 | 1,311 | 1,351 | 0 | 361 | 363 | 0 | 452 | 398 | 0 |
| July | 1,762 | 1,672 | | 936 | 864 | | 510 | 523 | | 137 | 131 | | 179 | 154 | |
| August | 1,713 | 1,721 | | 942 | 943 | | 475 | 476 | | 141 | 160 | | 155 | 142 | |
| September | 1,672 | 1,699 | | 905 | 862 | | 484 | 516 | | 128 | 149 | | 155 | 172 | |
| 3rd Quarter Total | 5,147 | 5,092 | 0 | 2,783 | 2,669 | 0 | 1,469 | 1,515 | 0 | 406 | 440 | 0 | 489 | 468 | 0 |
| October | 1,592 | 1,537 | | 916 | 819 | | 414 | 458 | | 121 | 115 | | 141 | 145 | |
| November | 1,483 | 1,555 | | 811 | 801 | | 425 | 469 | | 104 | 135 | | 143 | 150 | |
| December | 1,635 | 1,557 | | 866 | 763 | | 474 | 520 | | 138 | 126 | | 157 | 148 | |
| 4th Quarter Total | 4,710 | 4,649 | 0 | 2,593 | 2,383 | 0 | 1,313 | 1,447 | 0 | 363 | 376 | 0 | 441 | 443 | 0 |
| Yearly Total | 19,064 | 18,707 | 4,457 | 10,440 | 9,916 | 2,387 | 5,409 | 5,598 | 1,321 | 1,442 | 1,516 | 339 | 1,773 | 1,677 | 410 |

**FREQUENCY AND PERCENTAGE OF LOW BIRTH WEIGHT BIRTHS BY RACE AND ETHNICITY,
FRANKLIN COUNTY, 2015 – PRESENT**

| Month | All | | | Non-Hispanic White | | | Non-Hispanic Black | | | Hispanic | | | Other/Unknown | | |
|---------------------|---------------|---------------|---------------|--------------------|---------------|---------------|--------------------|----------------|----------------|---------------|---------------|---------------|----------------|----------------|----------------|
| | 2015 | 2016 | 2017 | 2015 | 2016 | 2017 | 2015 | 2016 | 2017 | 2015 | 2016 | 2017 | 2015 | 2016 | 2017 |
| January | 153 | 153 | 149 | 79 | 66 | 64 | 56 | 61 | 62 | 6 | 13 | 8 | 12 | 13 | 15 |
| February | 124 | 147 | 156 | 51 | 64 | 80 | 52 | 55 | 44 | 7 | 14 | 13 | 14 | 14 | 19 |
| March | 132 | 119 | 132 | 58 | 57 | 52 | 54 | 41 | 49 | 10 | 4 | 9 | 10 | 17 | 22 |
| 1st Quarter | 409 | 419 | 437 | 188 | 187 | 196 | 162 | 157 | 155 | 23 | 31 | 30 | 36 | 44 | 56 |
| Total | (9.0%) | (9.8%) | (9.8%) | (7.5%) | (8.2%) | (8.2%) | (12.3%) | (12.3%) | (11.8%) | (7.4%) | (9.2%) | (8.8%) | (9.3%) | (12.0%) | (13.7%) |
| April | 130 | 131 | | 61 | 53 | | 45 | 56 | | 5 | 8 | | 19 | 14 | |
| May | 147 | 132 | | 77 | 56 | | 48 | 58 | | 5 | 11 | | 17 | 7 | |
| June | 151 | 142 | | 61 | 68 | | 60 | 55 | | 15 | 10 | | 15 | 9 | |
| 2nd Quarter | 428 | 405 | 0 | 199 | 177 | 0 | 153 | 169 | 0 | 25 | 29 | 0 | 51 | 30 | 0 |
| Total | (9.2%) | (8.7%) | (N/A) | (7.9%) | (6.9%) | (N/A) | (11.7%) | (12.5%) | (N/A) | (6.9%) | (8.0%) | (N/A) | (11.3%) | (7.6%) | (N/A) |
| July | 145 | 177 | | 57 | 82 | | 62 | 73 | | 9 | 6 | | 17 | 16 | |
| August | 147 | 147 | | 76 | 76 | | 46 | 54 | | 9 | 8 | | 16 | 9 | |
| September | 148 | 165 | | 62 | 72 | | 63 | 66 | | 8 | 9 | | 15 | 18 | |
| 3rd Quarter | 440 | 489 | 0 | 195 | 230 | 0 | 171 | 193 | 0 | 26 | 23 | 0 | 48 | 43 | 0 |
| Total | (8.6%) | (9.6%) | (N/A) | (7.0%) | (8.6%) | (N/A) | (11.7%) | (12.8%) | (N/A) | (6.4%) | (5.2%) | (N/A) | (9.8%) | (9.3%) | (N/A) |
| October | 143 | 127 | | 80 | 54 | | 47 | 50 | | 6 | 7 | | 10 | 16 | |
| November | 129 | 143 | | 66 | 46 | | 46 | 65 | | 4 | 12 | | 13 | 20 | |
| December | 150 | 147 | | 76 | 61 | | 49 | 64 | | 11 | 14 | | 14 | 8 | |
| 4th Quarter | 422 | 417 | 0 | 222 | 161 | 0 | 142 | 179 | 0 | 21 | 33 | 0 | 37 | 44 | 0 |
| Total | (9.0%) | (9.0%) | (N/A) | (8.6%) | (6.8%) | (N/A) | (10.8%) | (12.4%) | (N/A) | (5.8%) | (8.8%) | (N/A) | (8.5%) | (10.0%) | (N/A) |
| Yearly Total | 1,699 | 1,730 | 437 | 804 | 755 | 196 | 628 | 698 | 155 | 95 | 116 | 30 | 172 | 161 | 56 |
| | (8.9%) | (9.3%) | (9.8%) | (7.7%) | (7.6%) | (8.2%) | (11.6%) | (12.5%) | (11.8%) | (6.6%) | (7.7%) | (8.8%) | (9.7%) | (9.6%) | (13.7%) |

Percentages are calculated excluding birth records with missing birth weight information.

**FREQUENCY AND PERCENTAGE OF PRETERM BIRTHS BY RACE AND ETHNICITY,
FRANKLIN COUNTY, 2015 – PRESENT**

| Month | All | | | Non-Hispanic White | | | Non-Hispanic Black | | | Hispanic | | | Other/Unknown | | |
|---------------------|----------------|----------------|----------------|--------------------|----------------|----------------|--------------------|----------------|----------------|----------------|----------------|----------------|---------------|---------------|----------------|
| | 2015 | 2016 | 2017 | 2015 | 2016 | 2017 | 2015 | 2016 | 2017 | 2015 | 2016 | 2017 | 2015 | 2016 | 2017 |
| January | 155 | 173 | 165 | 87 | 86 | 82 | 49 | 63 | 60 | 9 | 14 | 12 | 10 | 10 | 11 |
| February | 145 | 175 | 147 | 76 | 92 | 84 | 47 | 56 | 35 | 10 | 16 | 16 | 12 | 11 | 12 |
| March | 166 | 150 | 151 | 82 | 78 | 81 | 58 | 52 | 43 | 14 | 6 | 9 | 12 | 14 | 18 |
| 1st Quarter | 466 | 498 | 463 | 245 | 256 | 247 | 154 | 171 | 138 | 33 | 36 | 37 | 34 | 35 | 41 |
| Total | (10.3%) | (11.7%) | (10.4%) | (9.7%) | (11.2%) | (10.4%) | (11.7%) | (13.3%) | (10.4%) | (10.6%) | (10.7%) | (10.9%) | (8.7%) | (9.6%) | (10.0%) |
| April | 156 | 155 | | 72 | 63 | | 53 | 62 | | 14 | 15 | | 17 | 15 | |
| May | 169 | 165 | | 101 | 82 | | 46 | 61 | | 9 | 12 | | 13 | 10 | |
| June | 183 | 176 | | 88 | 92 | | 68 | 60 | | 17 | 10 | | 10 | 14 | |
| 2nd Quarter | 508 | 496 | 0 | 261 | 237 | 0 | 167 | 183 | 0 | 40 | 37 | 0 | 40 | 39 | 0 |
| Total | (10.9%) | (10.6%) | (N/A) | (10.3%) | (9.2%) | (N/A) | (12.8%) | (13.6%) | (N/A) | (11.1%) | (10.2%) | (N/A) | (8.8%) | (9.8%) | (N/A) |
| July | 187 | 198 | | 84 | 98 | | 71 | 73 | | 14 | 10 | | 18 | 17 | |
| August | 183 | 169 | | 101 | 95 | | 51 | 51 | | 13 | 15 | | 18 | 8 | |
| September | 166 | 176 | | 82 | 89 | | 59 | 59 | | 14 | 12 | | 11 | 16 | |
| 3rd Quarter | 536 | 543 | 0 | 267 | 282 | 0 | 181 | 183 | 0 | 41 | 37 | 0 | 47 | 41 | 0 |
| Total | (10.4%) | (10.7%) | (N/A) | (9.6%) | (10.6%) | (N/A) | (12.4%) | (12.1%) | (N/A) | (10.1%) | (8.4%) | (N/A) | (9.6%) | (8.8%) | (N/A) |
| October | 163 | 147 | | 89 | 68 | | 52 | 57 | | 12 | 7 | | 10 | 15 | |
| November | 170 | 150 | | 93 | 57 | | 54 | 57 | | 8 | 22 | | 15 | 14 | |
| December | 182 | 167 | | 87 | 74 | | 60 | 68 | | 17 | 15 | | 18 | 10 | |
| 4th Quarter | 515 | 464 | 0 | 269 | 199 | 0 | 166 | 182 | 0 | 37 | 44 | 0 | 43 | 39 | 0 |
| Total | (10.9%) | (10.0%) | (N/A) | (10.4%) | (8.4%) | (N/A) | (12.7%) | (12.6%) | (N/A) | (10.2%) | (11.7%) | (N/A) | (9.8%) | (8.8%) | (N/A) |
| Yearly Total | 2,025 | 2,001 | 463 | 1,042 | 974 | 247 | 668 | 719 | 138 | 151 | 154 | 37 | 164 | 154 | 41 |
| | (10.6%) | (10.7%) | (10.4%) | (10.0%) | (9.8%) | (10.4%) | (12.4%) | (12.9%) | (10.4%) | (10.5%) | (10.2%) | (10.9%) | (9.2%) | (9.2%) | (10.0%) |

Percentages are calculated excluding birth records with missing gestational age information.